



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Wednesday, December 12, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- **Heavy rainfall/isolated flash flooding possible across SE TX**
- **Elevated fire weather conditions across E NM & TX Panhandle**
- **Strong winds begin this evening across N NM & TX Panhandle tonight**

Thursday - Friday

- **Marginal risk for strong to severe thunderstorms across LA, S AR & E TX on Thursday**
- **Snow & winter weather travel impacts possible across N TX, TX Panhandle & OK on Thursday**
- **Heavy rainfall/isolated flash flooding possible across AR, E OK & SE LA Thursday into Friday**
- **Strong winds continue across much of TX, NM & W OK Thursday into Friday**
- **Elevated to critical fire weather conditions W TX into S TX Thursday into Friday**

Saturday - Sunday

- **No significant weather impacts expected.**

River Flooding

- **Widespread minor to moderate flooding, with isolated major, is observed or forecast for portions of E & SE TX, AR & LA for the next several days**

FEMA Region 6 Threat Matrix

Dec 12, 2018 – Dec 16, 2018



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DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms		LA/ETX/S AR			
Heavy Rain / Flash Flooding	SETX	AR/SE LA/E OK	AR		
Winter Weather		NTX/S OK			
Strong Winds	TX Panhandle/N NM	NM/TX and W OK			
Fire Weather	E NM/TX Panhandle	W & STX	STX		
River Flooding	E/SETX	E/SETX	E/SETX	E/SETX	E/SETX
	LA/S AR	LA/S AR	LA/S AR	LA/S AR	LA/S AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

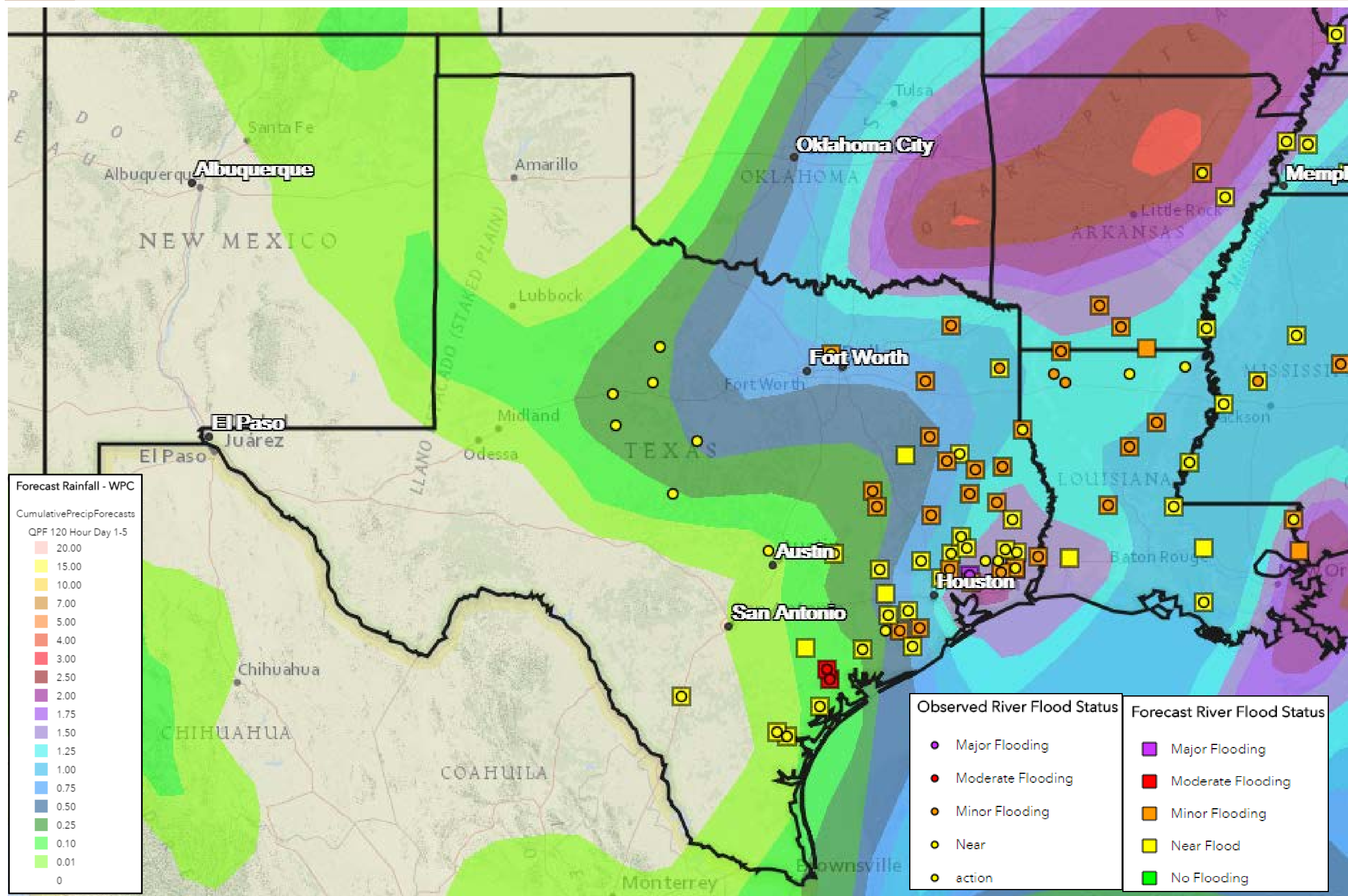
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Minor to moderate flooding is observed/forecast for portions of E & SETX.

Minor flooding is observed/forecast across portions of AR & LA.

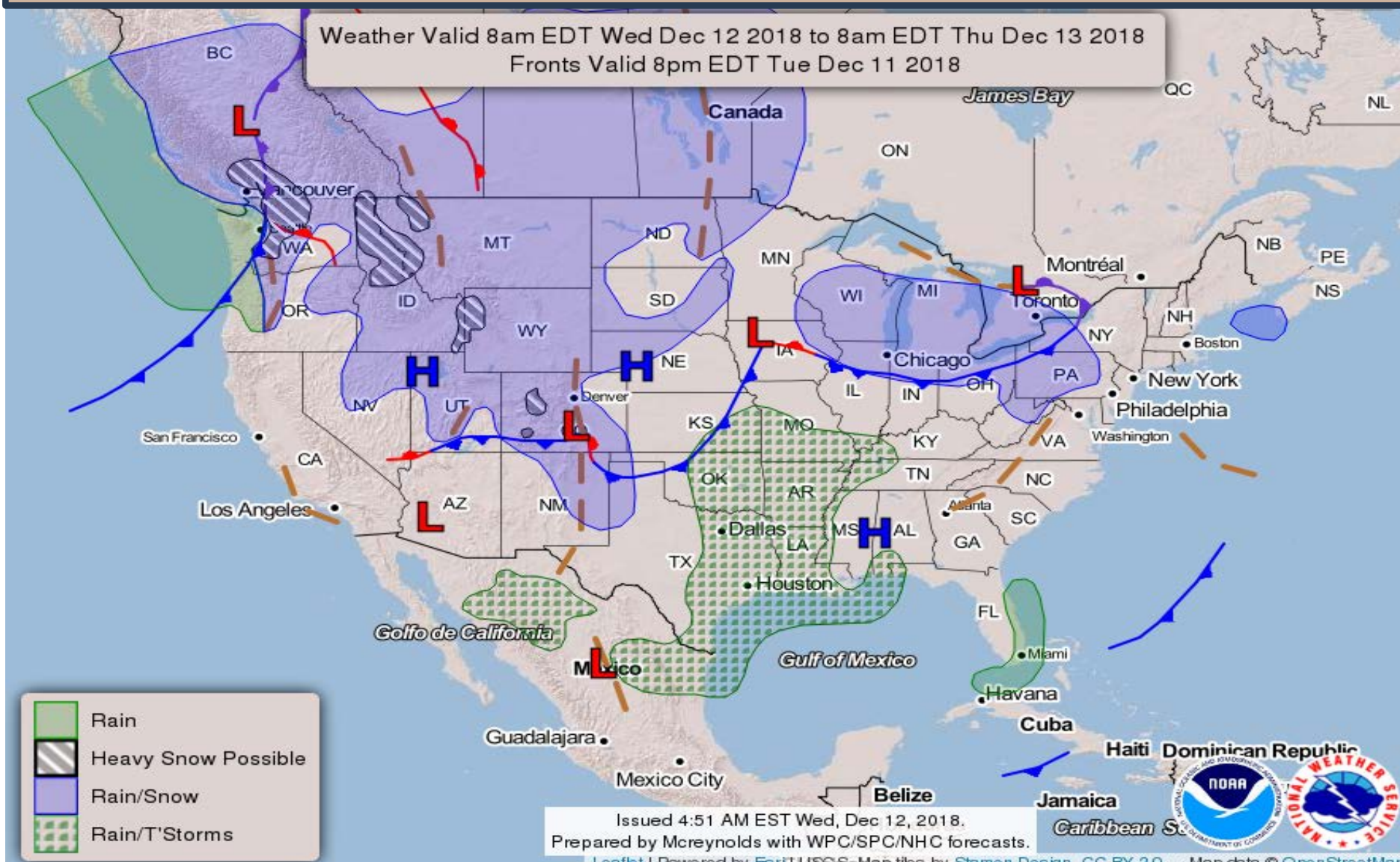
Today's Weather



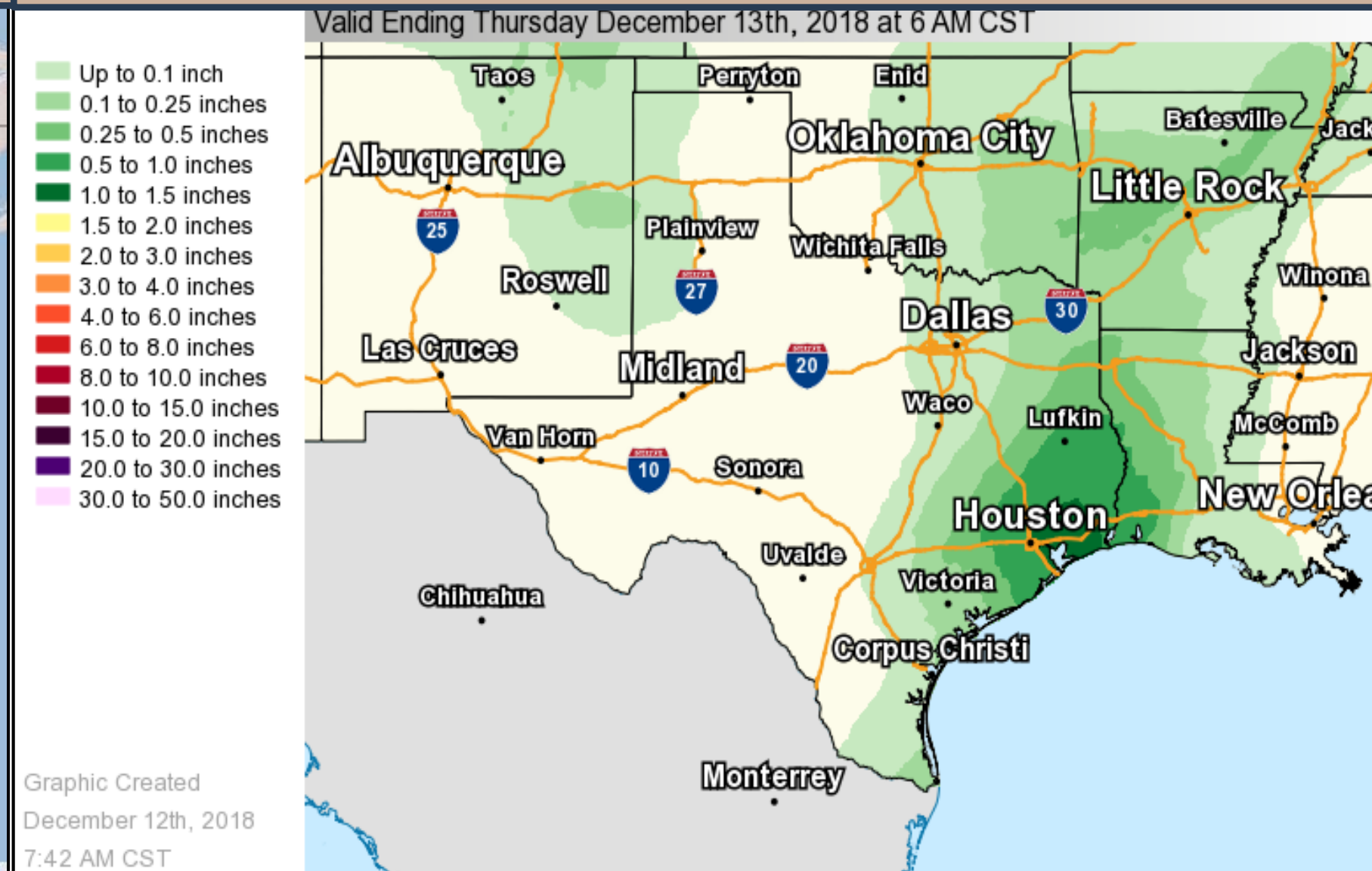
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Forecast Chart



Forecast Rainfall

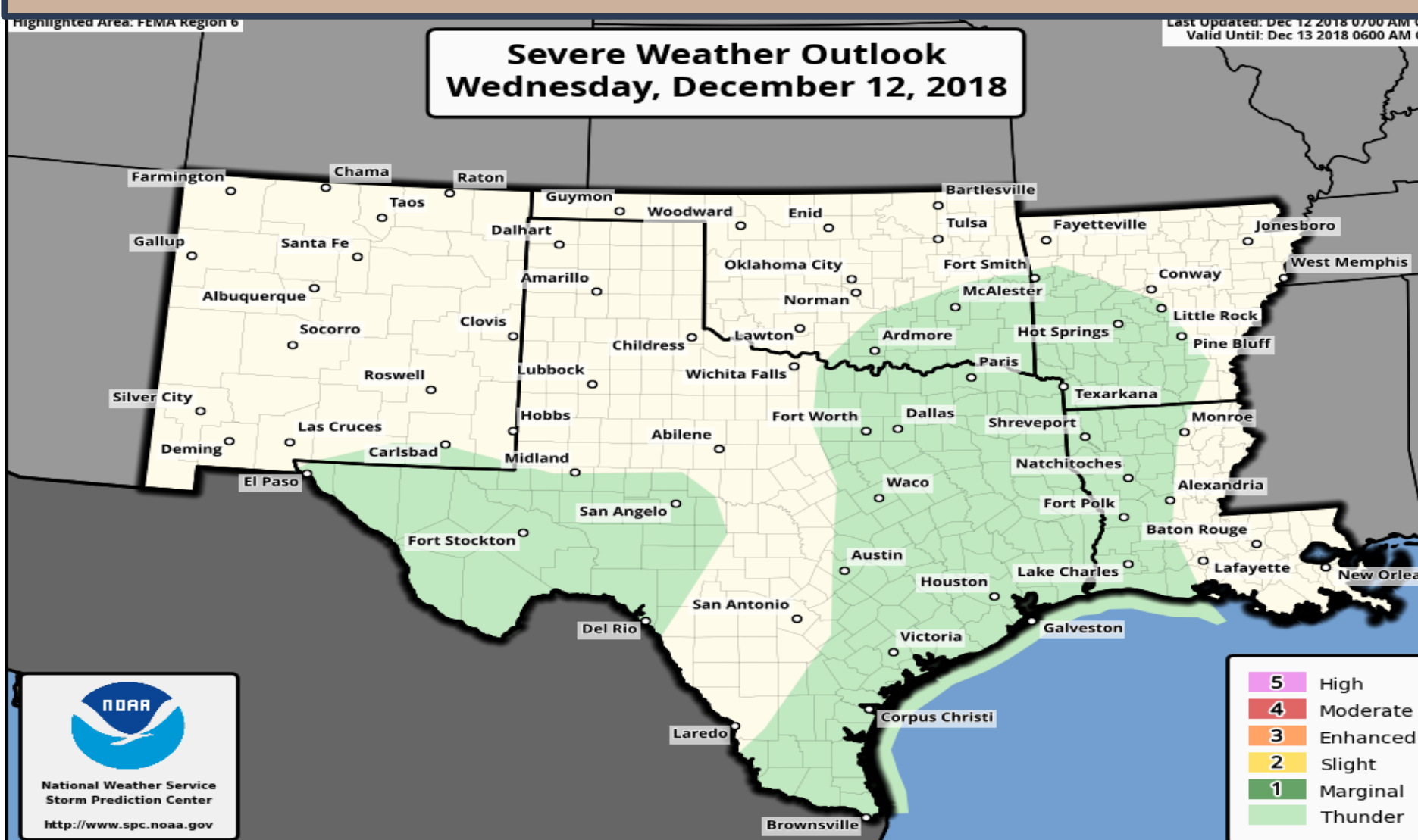


**Strong winds across N NM/
TX Panhandle starting
tonight**

Elevated fire weather conditions for E NM/TX Panhandle

Heavy rainfall/isolated flash flooding possible across SE TX

Severe Weather Outlook



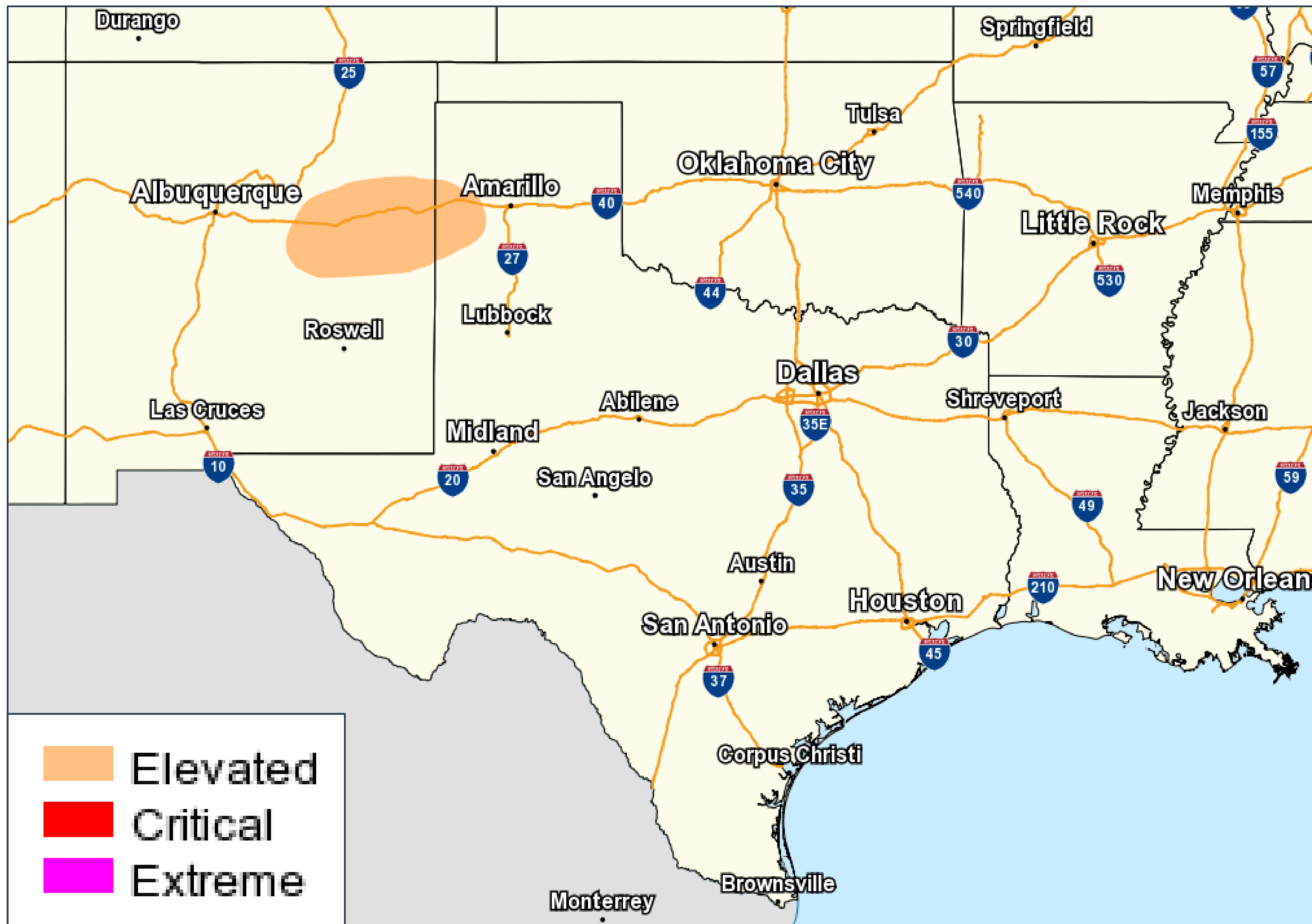
Excessive Rainfall Outlook



Today's Fire Weather Outlook



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Elevated Fire Weather Conditions expected across E NM into TX Panhandle.

Fire Weather Watches/Warnings

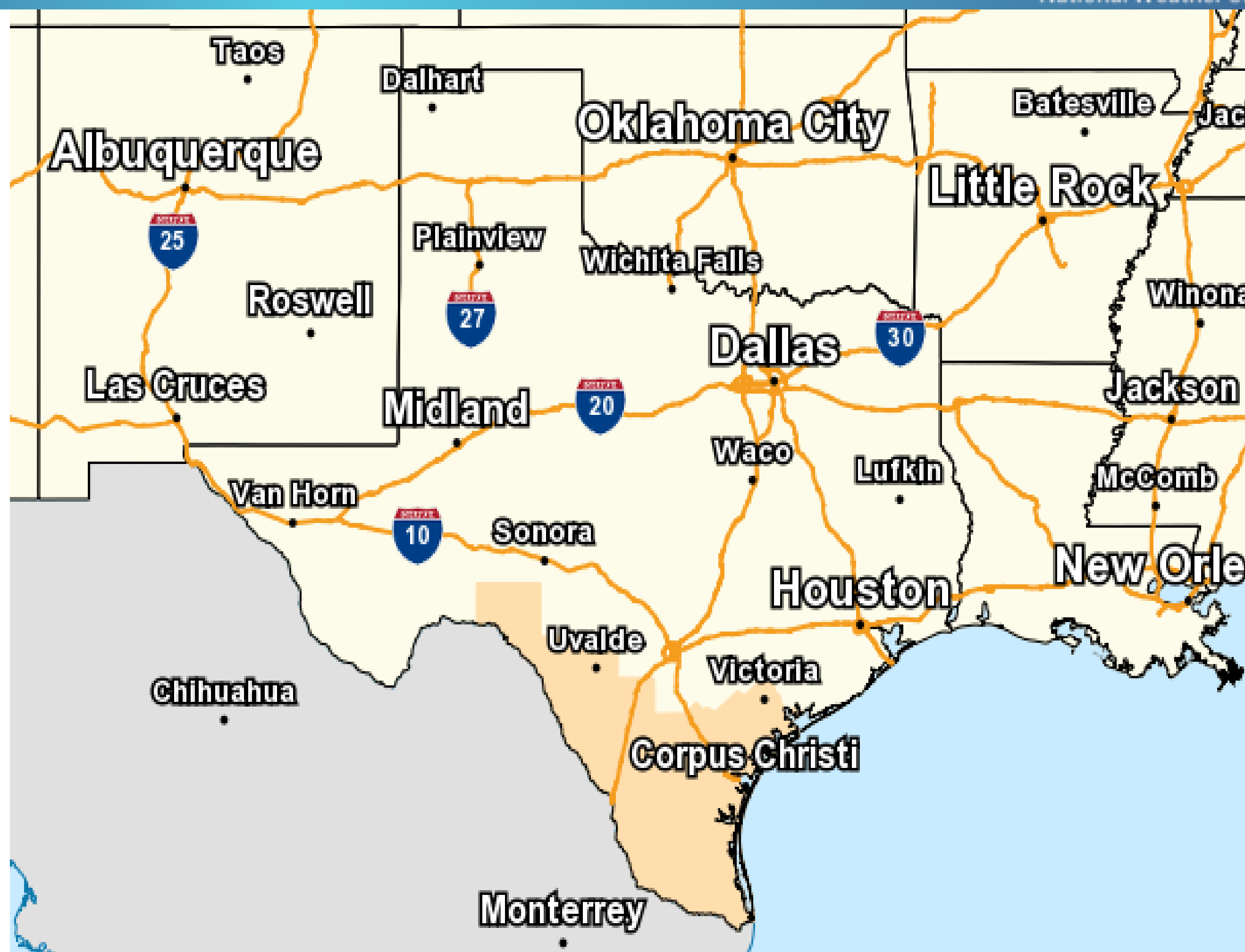


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Fire Weather Watches and Warnings

National Weather Service

Fire Weather Watch



Fire Weather Watches from the Big Bend into STX

Graphic Created

Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding

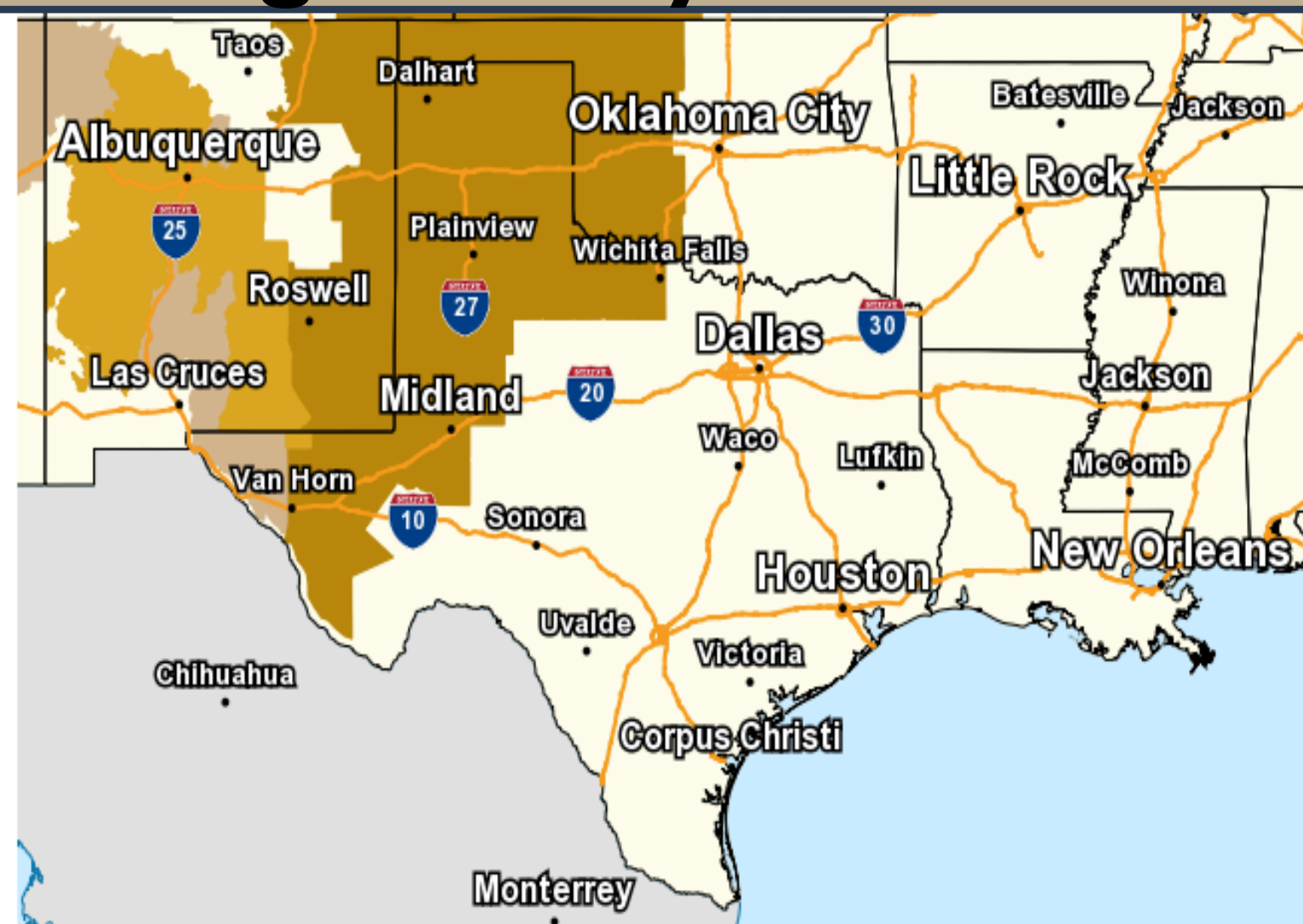


Graphic Created

High Wind Watch for NM, W TX, TX/OK Panhandles into W OK

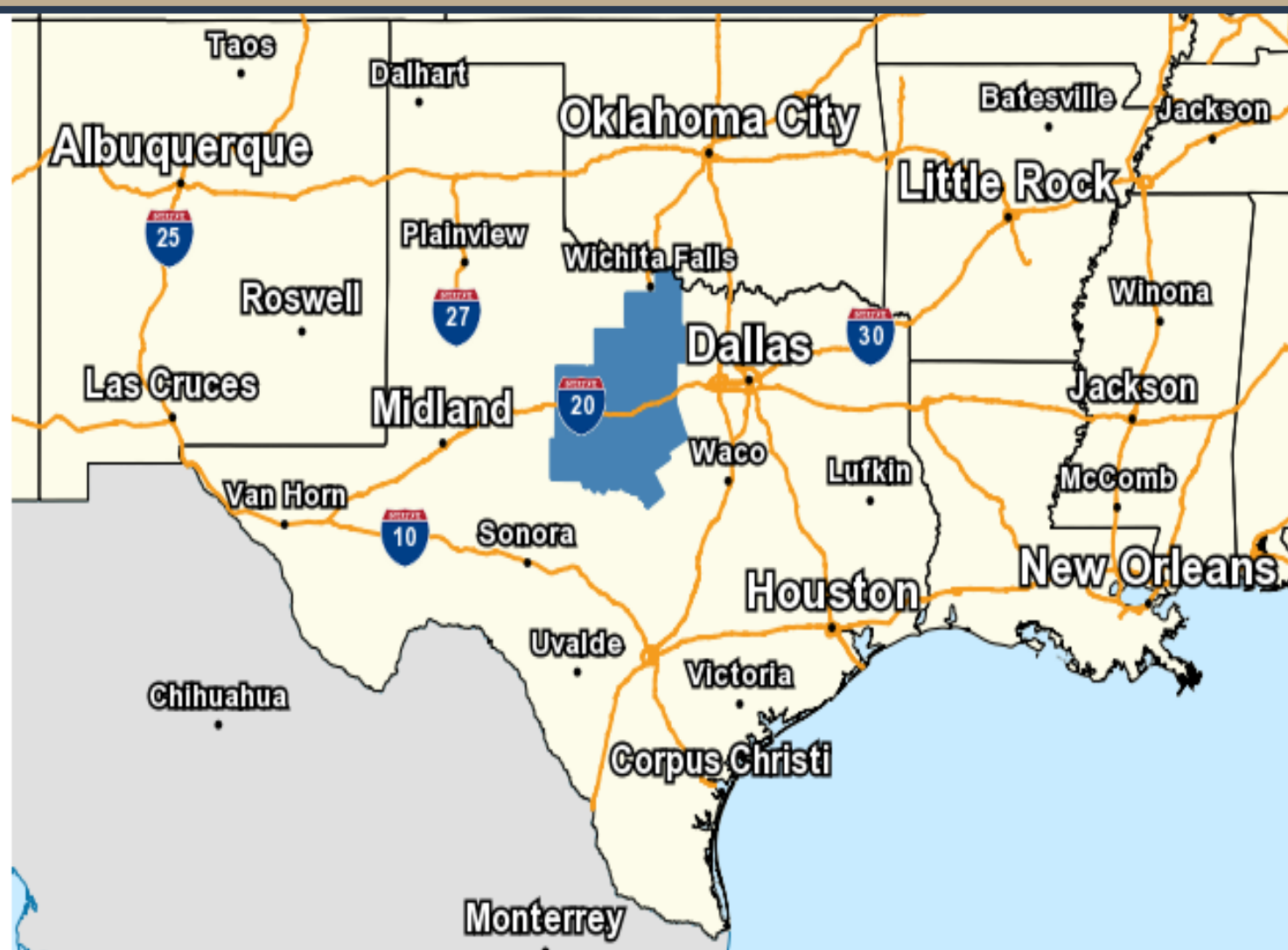
Fire Weather Watches from the Big Bend into STX

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Winter Weather Watch for Big Country TX

Tomorrow's Weather



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Forecast Chart

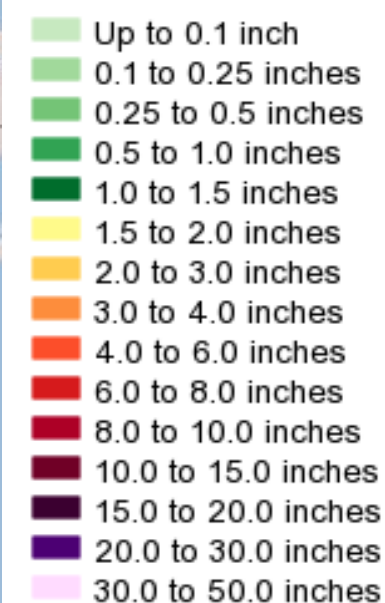
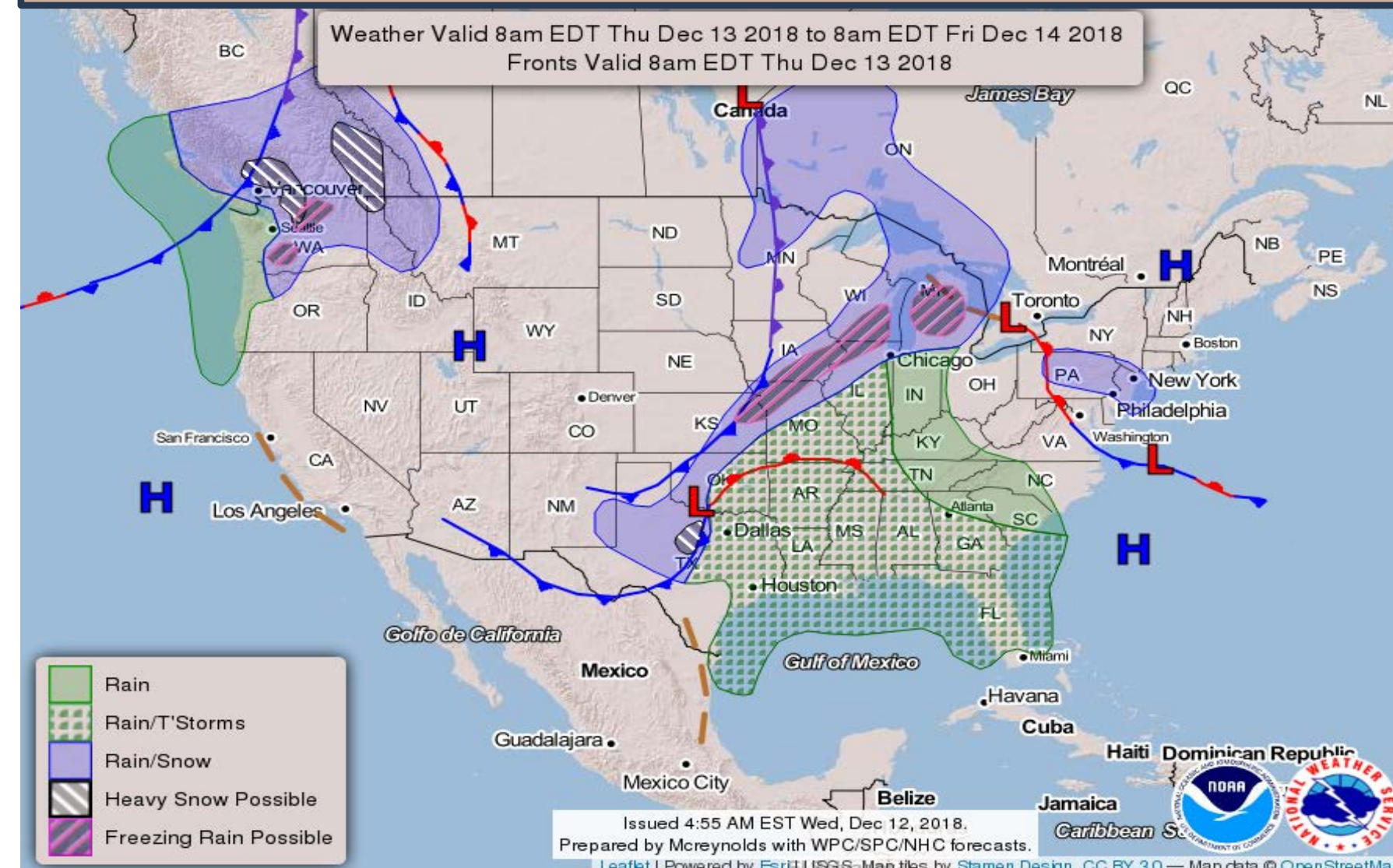
Forecast Rainfall

**Strong winds across TX, NM
& W OK**

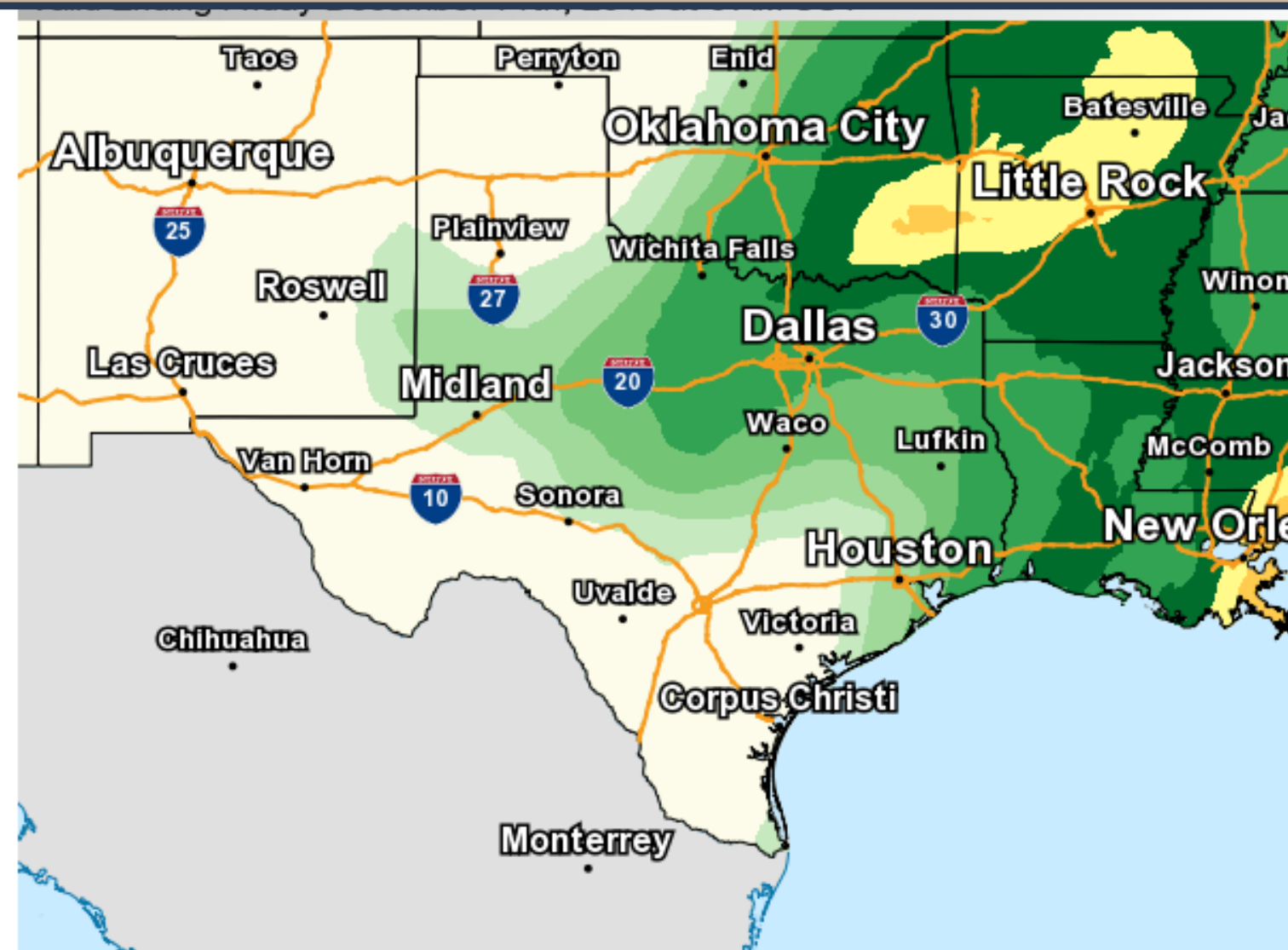
**Elevated to critical fire
weather conditions W TX
into STX**

**Snow possible over S OK into
NTX**

**Marginal risk for strong to
severe thunderstorms and
heavy rainfall/isolated flash
flooding across LA, S AR & E
TX**

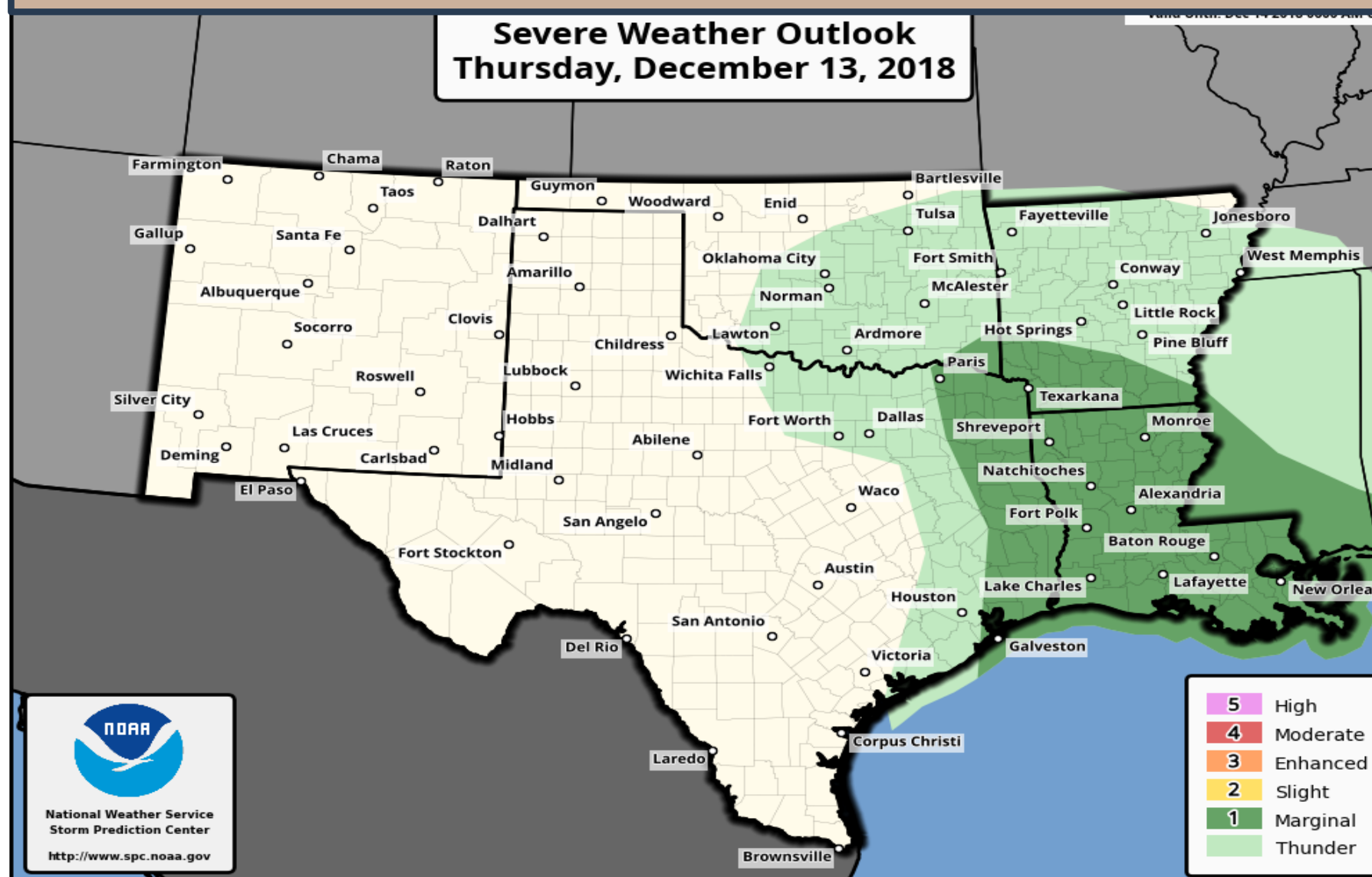


Graphic Created
December 12th, 2018
7:43 AM CST

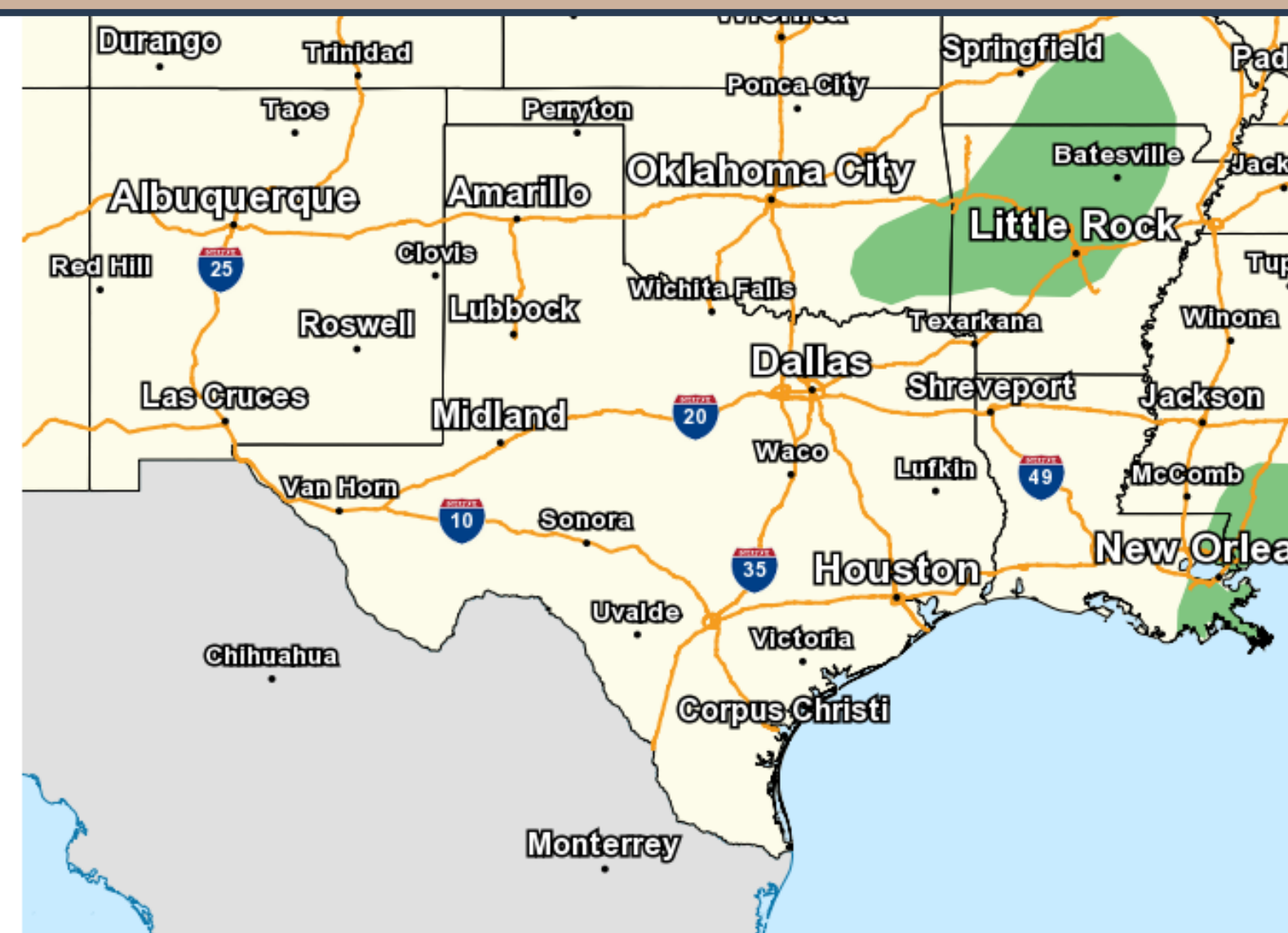


Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
December 12th, 2018
7:43 AM CST

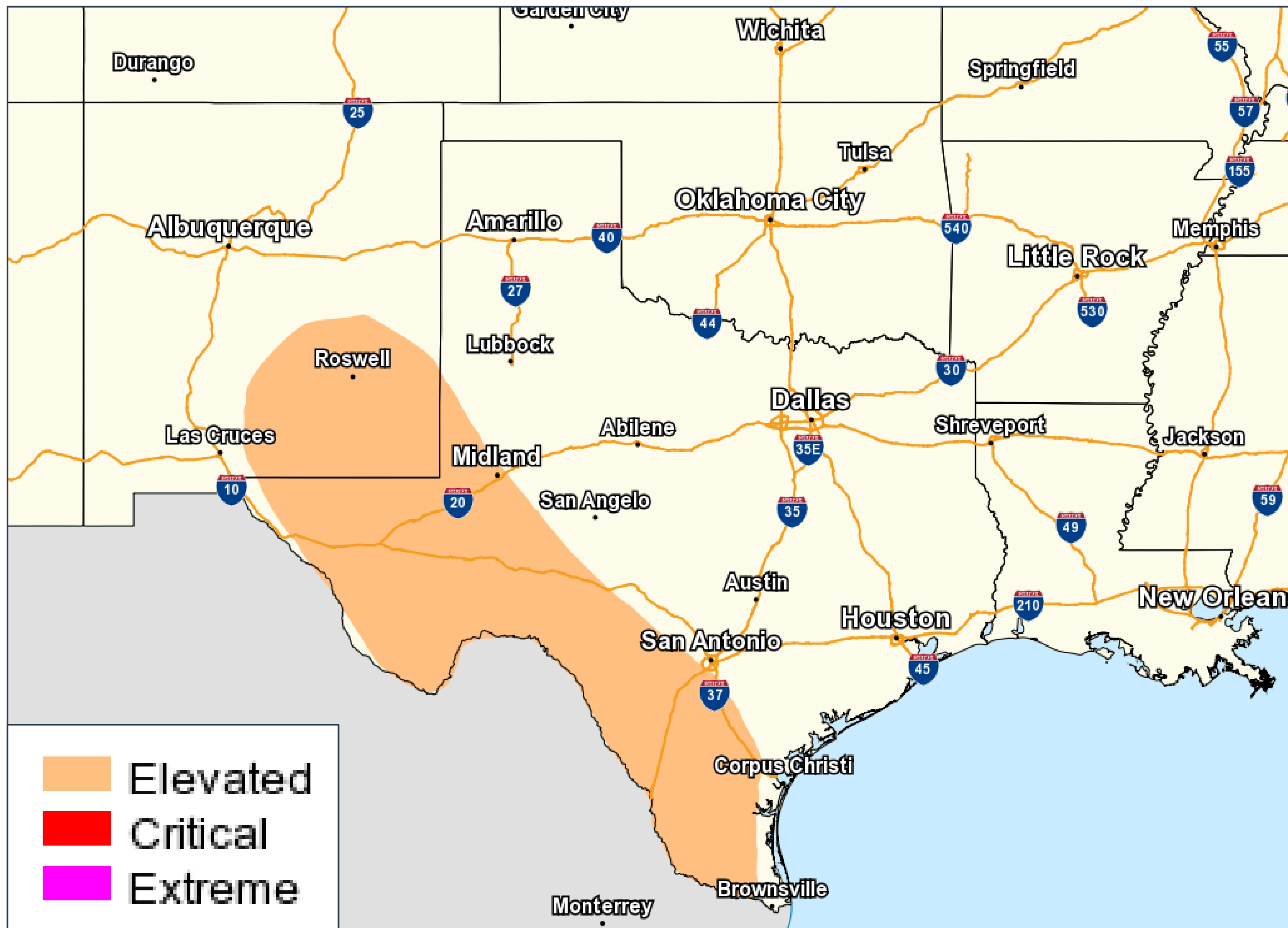


Tomorrow's Fire Weather Outlook



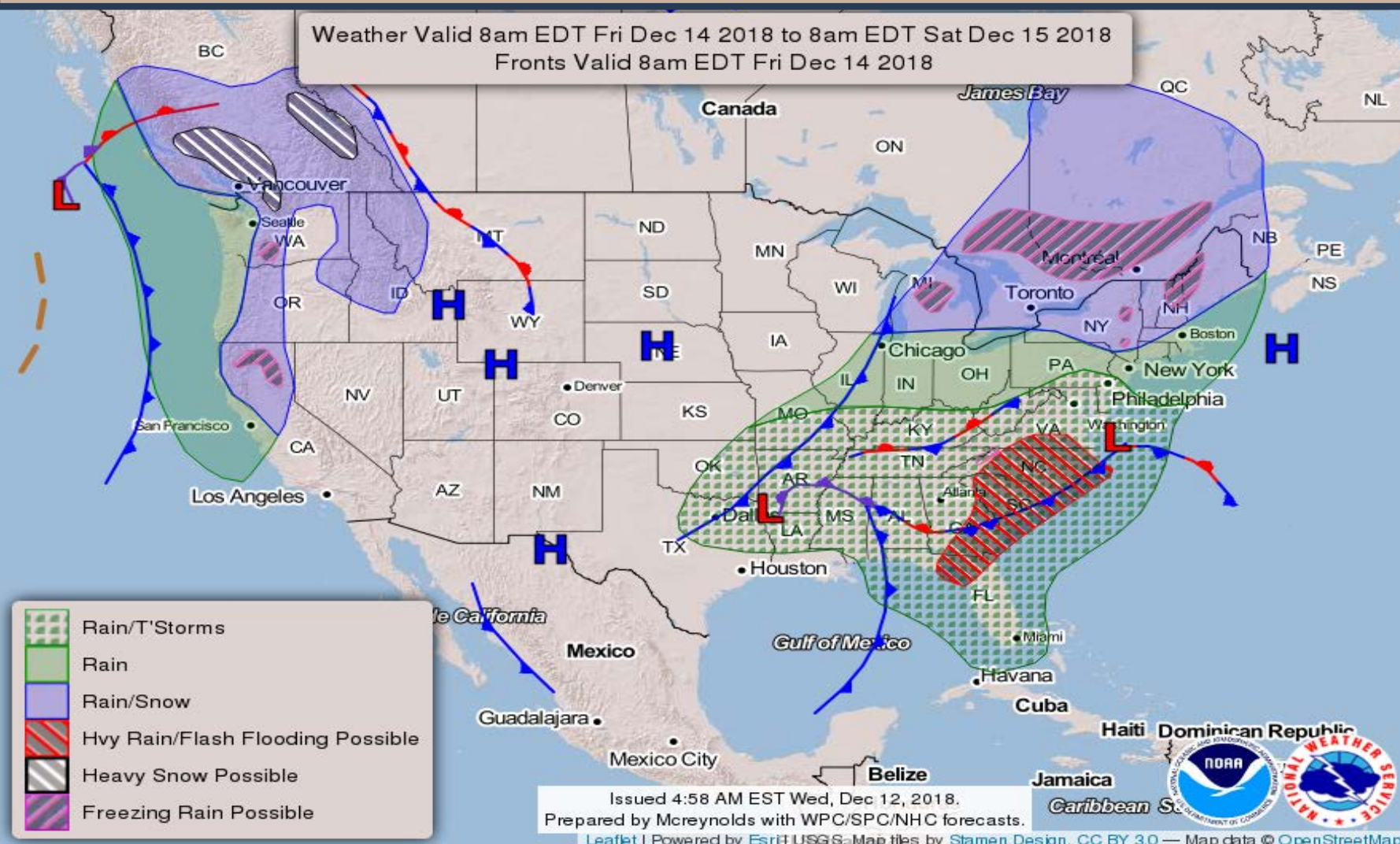
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Elevated fire weather conditions for W & S TX for Thursday



Friday's Weather

Forecast Chart



Forecast Rainfall

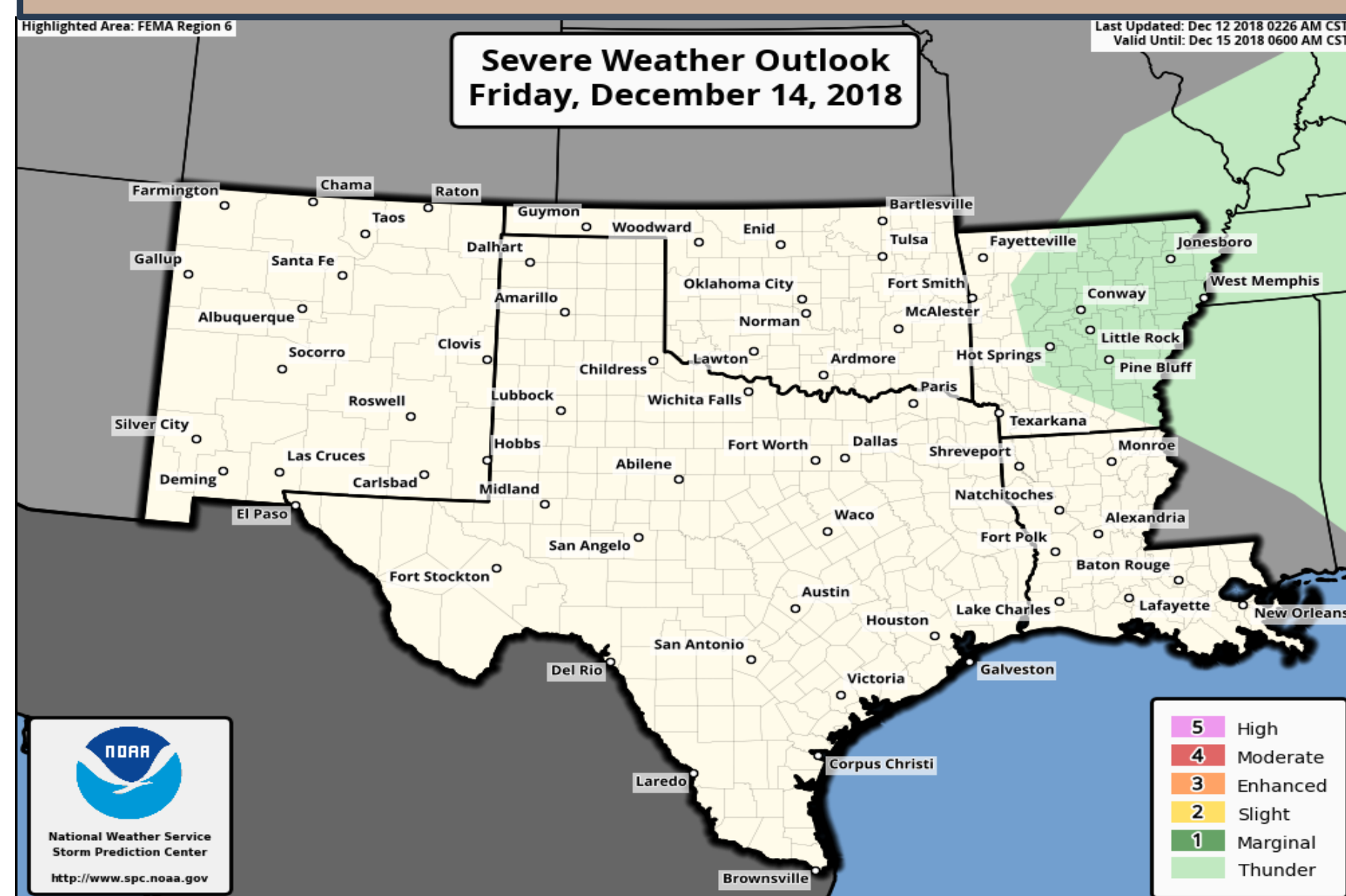


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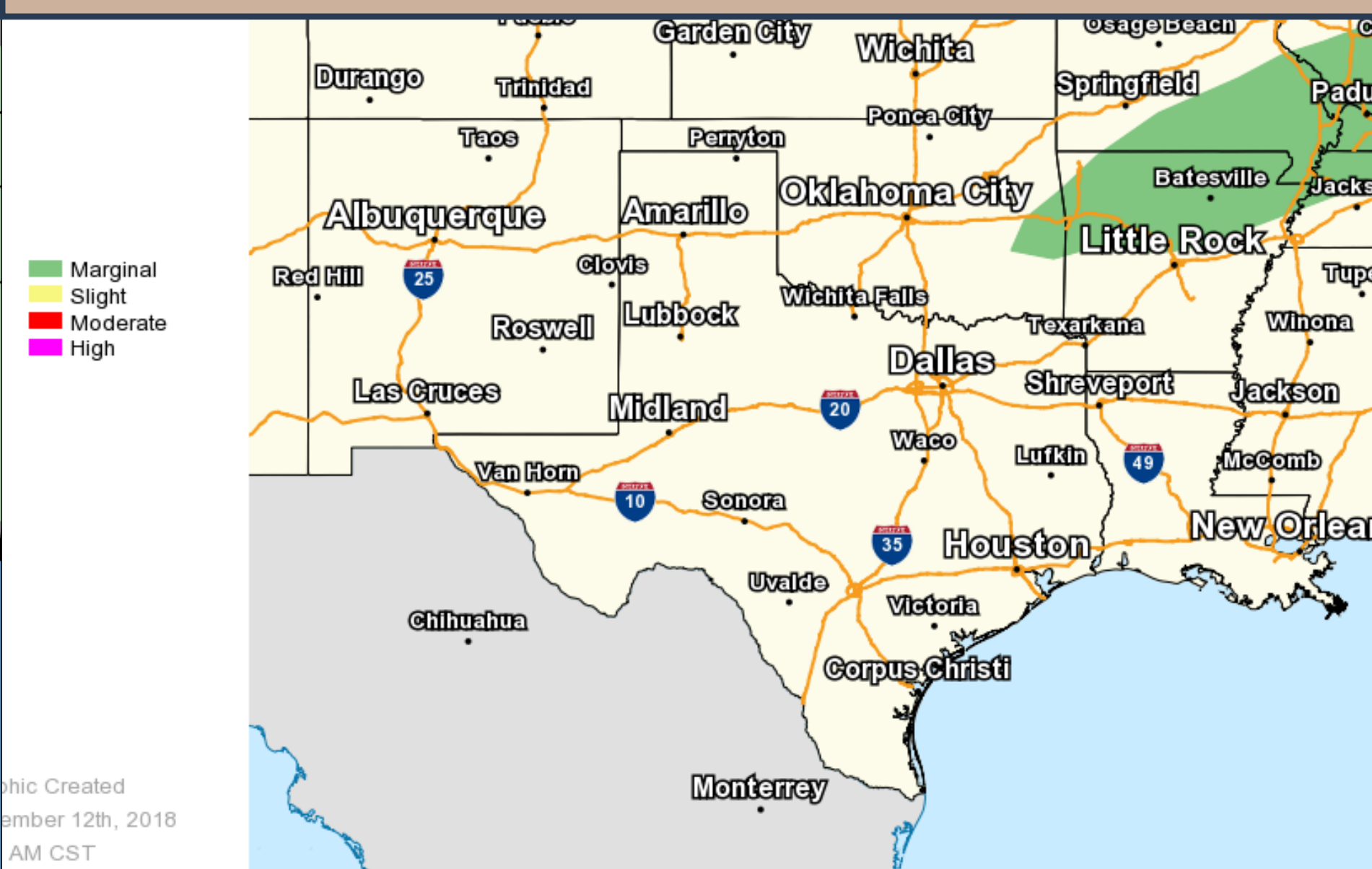
Heavy rainfall/isolated flash flooding possible across AR

Elevated to critical fire weather conditions possible for STX

Severe Weather Outlook



Excessive Rainfall Outlook

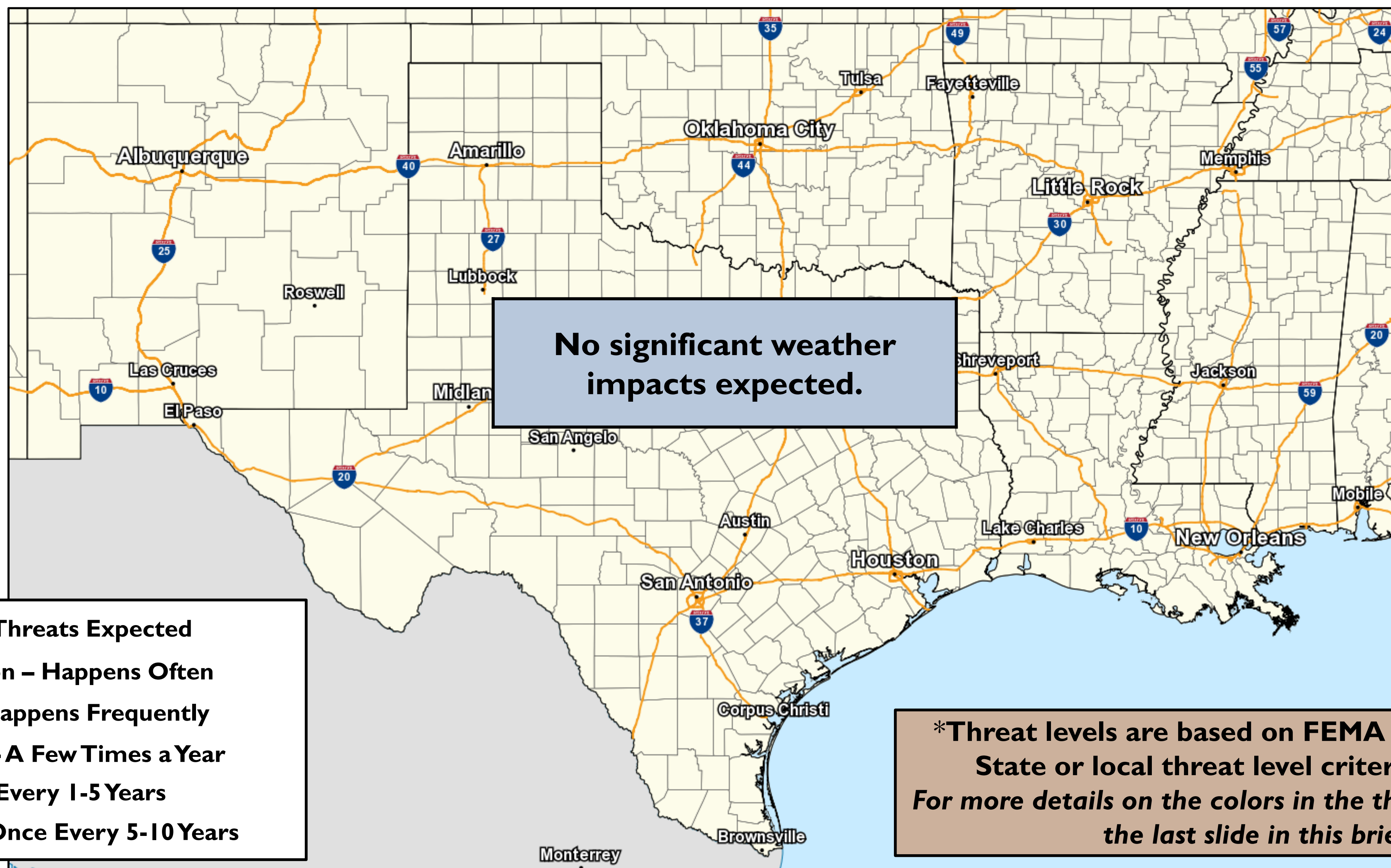


Days 4-5 Weather Hazards

Saturday - Sunday



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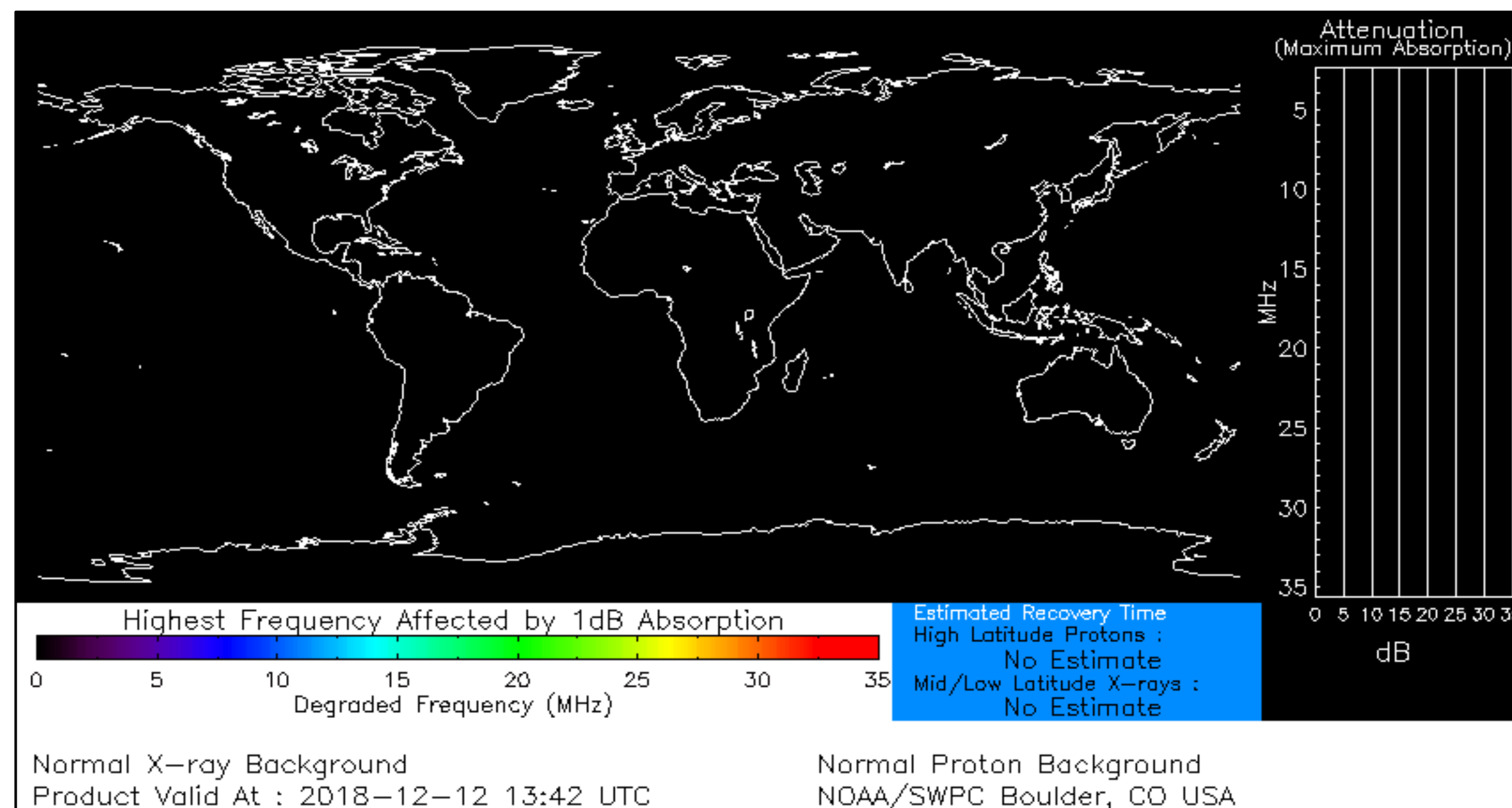


Space Weather 3-Day Forecast



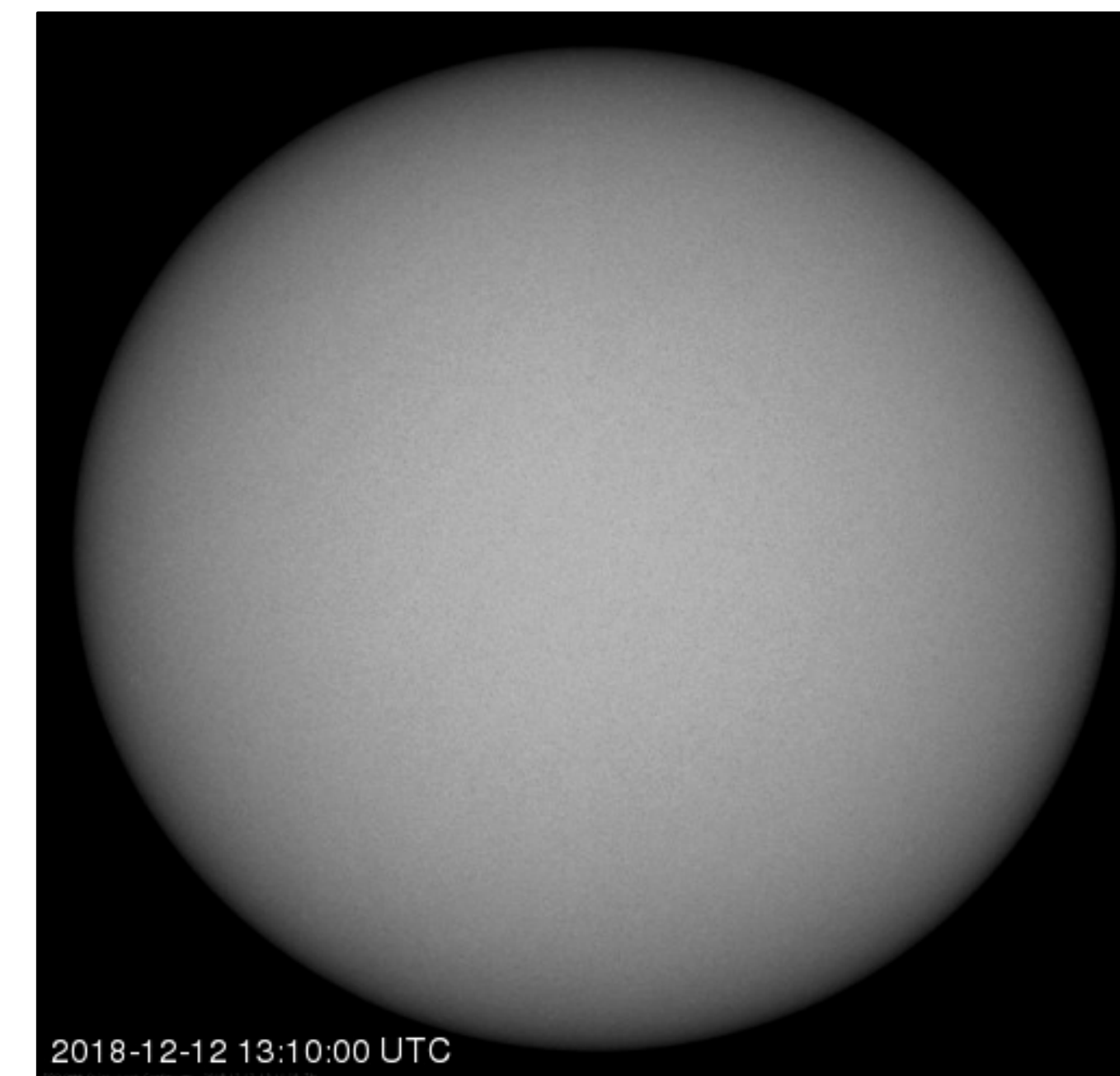
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





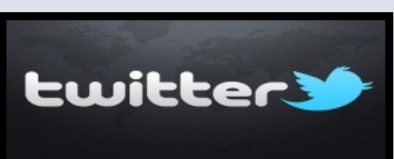
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov